
Subject: sec : U Re: Producing potable color images from IDL?

Posted by [Andrew Cool](#) on Sun, 24 Nov 2002 23:17:31 GMT

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Chris Mulliss wrote:

>
> Hello,
>
> This is not strictly an IDL question, but here goes...
>
> When I produce 24-bit color images in IDL (running on a SUN) and try to
> display them on an SGI or Windows box, they tend to come out looking very
> dark.
>
> I have been told that it is probably a hardware-dependent gamma correction
> problem. I have been told also that the PNG image format has the ability to
> store the gamma value of the machine that the image was created so that the
> image can be "gamma corrected" on other platforms. IDL's help on PNG does
> not mention this feature and I have this problem with all file formats that
> I have tried including PNG.
>
> So, does anybody know what is going on? Has anyone found a way to make
> images in IDL that don't look dark on other platforms? Does anyone have a
> reference to the mathematical nature of this "gamma correction" so that I
> look into accounting for it in code.
>
> Thanks,
> Chris

Chris,

Have a look at the IDL source code for XLOADCT.PRO in the
lib/utilities directory of your RSI folder for the way they
treat gamma.

Andrew

Andrew D. Cool
Electromagnetics & Propagation Group
Intelligence, Surveillance & Reconnaissance Division
Defence Science & Technology Organisation
PO Box 1500, Edinburgh
South Australia 5111

Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
Email : andrew.cool@dsto.defence.gov.au

Subject: sec : U Re: Producing potable color images from IDL?

Posted by [Andrew Cool](#) on Sun, 24 Nov 2002 23:55:31 GMT

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Chris Mulliss wrote:

>
> Hello,
>
> This is not strictly an IDL question, but here goes...
>
> When I produce 24-bit color images in IDL (running on a SUN) and try to
> display them on an SGI or Windows box, they tend to come out looking very
> dark.
>

"Producing potable color images..."

Curious typo. portable -> potable

I've been known to drink in colour images of young ladies wearing not
very much,
but seldom the sort of images that IDL generally pumps out.

Must be a pretty good program, Chris! ;-)

Andrew C.

Subject: Re: sec : U Re: Producing potable color images from IDL?

Posted by [David Fanning](#) on Mon, 25 Nov 2002 00:55:43 GMT

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Andrew Cool (andrew.cool@dsto.defence.gov.au) writes:

> I've been known to drink in colour images of young ladies wearing not
> very much, but seldom the sort of images that IDL generally pumps out.
>
> Must be a pretty good program, Chris! ;-)

I would think something along this line would catch
the Chairman's eye and, quite possibly, lead to a
nomination in the IEPA if the images were, uh, you
know, *interesting* enough.

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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